

<b>Notice of Allowability</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/823,461	PETERS ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Cheryl Lewis	2167	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the applicants' communication received on July 17, 2008.
2. ☒ The allowed claim(s) is/are 1, 4-19, and 22-40, renumbered as claims 1-36.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

**Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).**
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |   |  |
|---|--|
| <ol style="list-style-type: none"> <li>1. <input type="checkbox"/> Notice of References Cited (PTO-892)</li> <li>2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)</li> <li>3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),<br/>Paper No./Mail Date _____</li> <li>4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br/>of Biological Material</li> </ol> | <ol style="list-style-type: none"> <li>5. <input type="checkbox"/> Notice of Informal Patent Application</li> <li>6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),<br/>Paper No./Mail Date <u>10/13/2008</u>.</li> <li>7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment</li> <li>8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance</li> <li>9. <input type="checkbox"/> Other _____.</li> </ol> |
|---|--|

/Cheryl Lewis/  
Primary Examiner, Art Unit 2167  
October 13, 2008

### **DETAILED ACTION**

1. Claims 1, 4-19, and 22-40 are allowed. These claims have been renumbered as claims 1-36.
2. Claims 2, 3, 20, and 21 have been cancelled.

### ***EXAMINER'S AMENDMENT***

3. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in an interview with Kenneth Eiferman on October 6, 2008.

4. Claims 4 and 34-40 have been amended as follows:
  4. (Currently Amended) The system of claim 2 1, wherein the first binding statement is associated with a first priority and the second binding statement is associated with a second priority.

34. (Currently Amended) The computer-readable storage medium of claim 33, further comprising computer-executable instructions for indicating an execution order for the collection of binding statements.

35. (Currently Amended) The computer-readable storage medium of claim 34, further comprising computer-executable instructions for specifying that the collection of binding statements comprises a first binding statement associated with the first data element and a first execution order indicating a highest priority and a second binding statement associated with the second data element and a second execution order indicating a second highest priority.

36. (Currently Amended) The computer-readable storage medium of claim 35, further comprising: computer-executable instructions for evaluating the first binding statement and in response to determining that the first binding statement evaluates successfully, executing the first binding statement.

37. (Currently Amended) The computer-readable storage medium of claim 36, further comprising computer-executable instructions for updating the target with a value of the first data element.

38. (Currently Amended) The computer-readable storage medium of claim 35, further comprising computer-executable instructions for monitoring the first data element and the second data element for a change notification and in response to detecting the change notification, re-evaluating the collection of binding statements.

39. (Currently Amended) The computer-readable storage medium of claim 35, further comprising computer-executable instructions for determining that the first binding statement does not evaluate successfully, and in response, evaluating the second binding statement.

40. (Currently Amended) The computer-readable storage medium of claim 39, further comprising computer-executable instructions for evaluating the second binding statement and in response to determining that the second binding statement evaluates successfully, executing the second binding statement.

### **REASONS FOR ALLOWANCE**

5. The following is a statement of reasons for the indication of allowable subject matter:

The prior art of record does not render obvious to one ordinarily skilled in the art at the time of applicant's invention nor anticipate the combination of claimed elements including "a binding engine executing on the computer, the binding engine establishing a priority order in which the plurality of binding statements are to be executed by the computer in order to bind the target to the source, the execution priority order being established using a priority indicator or marker associated with each of the plurality of binding statements, the binding engine evaluating the plurality of binding statements to determine content to be displayed in a user interface during execution of the user

Art Unit: 2167

interface software by the computer” as recited in independent claim 1 and similarly recited in independent claim 19.

As per claim 33, the prior art of record does not render obvious to one ordinarily skilled in the art at the time of applicant’s invention nor anticipate the combination of claimed elements including “mapping a target to at least a first data element and a second data element of a plurality of data elements of a source using a collection of binding statements used to determine content to be displayed in a user interface during execution of user interface software by a computer, the plurality of binding statements in a declarative markup language, wherein the collection of binding statements are provided during program development of a user interface.”

The remaining claims, 3-38, 22-32, and 34-40, are dependent claims, thus these claims are patently distinct over the art of record for at least the above reasons.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled “Comments on Statement of Reasons for Allowance.”

***NAME OF CONTACT***

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Cheryl Lewis whose telephone number is (571) 272-4113. The examiner can normally be reached on 6:30-3:00. If attempts to reach the examiner by telephone are unsuccessful, the examiner’s supervisor, John Cottingham

Art Unit: 2167

can be reached on (571) 272-7079. The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300.

(571) 273-4113 (Use this FAX #, only after approval by Examiner, for "INFORMAL" or "DRAFT" communication. Examiners may request that a formal paper/amendment be faxed directly to them on occasions.).

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist/ Technology Center (571) 272-2100.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only.

For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

/Cheryl Lewis/  
Primary Examiner, A.U. 2167  
October 14, 2008